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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/786,250	02/25/2004	Richard P. Schubert	A0312.70518US00	2714	
Edmund J. Wa	7590 04/21/200 Ish	EXAMINER			
Wolf, Greenfield & Sacks, P.C.			WALTER, CRAIG E		
600 Atlantic A Boston, MA 02			ART UNIT PAPER NUMBER		
,			2188		
			MAIL DATE	DELIVERY MODE	
			04/21/2008	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)	
10/786,250	SCHUBERT, RICHARD P.	
Examiner	Art Unit	
CRAIG E. WALTER	2188	

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The MAILING DATE of this communication appears on the cover sheet with the correspondence address							
THE REPLY FILED 25 March 2008 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.							
 \(\)The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which place application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 3 To FR 4.1.31; or (3) a Reg for Continued Examination (RCE) in compliance with 3 To FR 1.114. The reply must be filed within one of the following time periods: \(\)\(\)\)\(\)\(\)\(\)\(\)\(\)\(
b) The period for reply expires on: (1) the mailing date of this A		in the final rejection, whi	chever is later. In				
no event, however, will the statutory period for reply expire to Examiner Note: If box 1 is checked, check either box (a) or (MONTHS OF THE FINAL REJECTION. See MPEP 706.07(ater than SIX MONTHS from the mailing b). ONLY CHECK BOX (b) WHEN THE	date of the final rejection	n.				
Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee							
have been filled is the date for jurposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final office action; or (2) a set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filled may reduce any semed patent term adjustment. See 37 CFR 1.704(b). NOTICE OF APPEAL							
	liance with 37 CER 41 37 must be t	iled within two months	of the date of				
2. The Notice of Appeal was filed on A brief in compliance with 37 CFR 41.37 must be filled within two months of the date of filling the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(a)), to avoid dismissal of the appeal. Since Notice of Appeal has been filled, any reply must be filled within the time period set forth in 37 CFR 41.37(a).							
AMENDMENTS							
 The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because (a) They raise new issues that would require further consideration and/or search (see NOTE below); (b) They raise the issue of new matter (see NOTE below); 							
(c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or							
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.							
NOTE: (See 37 CFR 1.116 and 41.33(a)).							
4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).							
5. Applicant's reply has overcome the following rejection(s):							
 Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling th non-allowable claim(s). 							
7. For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is of will be) as follows:							
Claim(s) allowed:							
Claim(s) objected to: Claim(s) rejected: <u>1-18 and 31-38</u> .							
Claim(s) withdrawn from consideration: AFFIDAVIT OR OTHER EVIDENCE							
8. The affidavit or other evidence filed after a final action, bu because applicant failed to provide a showing of good and was not earlier presented. See 37 CFR 1.116(e).							
9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 3/3(yft).							
10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.							
REQUEST FOR RECONSIDERATION/OTHER							
11. \(\subseteq \) The request for reconsideration has been considered but does NOT place the application in condition for allowance because: \(\subseteq \) See Continuation Sheet.							
12. ☐ Note the attached Information <i>Disclosure Statement</i> (s). (PTO/SB/08) Paper No(s) 13. ☐ Other:							
/Hyung S SOUGH/	/Craig E Walter/						
Supervisory Patent Examiner, Art Unit 2188 04/16/08	Patent Examiner, Art Un	it 2188					

Continuation of 11. does NOT place the application in condition for allowance because: In the response after final, Applicant sets forth four main arguments:

- (1) p. § 1.6 through p.10, l. 2 of the remarks Applicant contends that Applicant's characterization of Examiner's interpretation of the cited are auses seps o) and 0) of instant claims 1 and 31 to be the same. Namely, "obtaining from the data table a priority, "clement o) would be the same as using "locations in the cache, having a priority associated therewith" (element of to obtain priority information)". This argument however is not persuasive. Examiner notes (referring again to col. 31, Il. 23-44) that Zangenehpour ploys an LRU entry replacement strategy in order to replace the lowest priority "tagged" item stored with a new entry (highest priority item). Examiner maintains that elements o) through e) of the instant claim are net by Zangenehpour, since he explicitly teaches priority for each of the stored locations (via tags), and selectively stores the new term based on "relative priority" in element e). Assume arguendo however that respect to the other Items). Examiner notes Applicant is reclation of "relative priority" in element e). Assume arguendo however that Zangenehpour assigns an actual priority to the newest claim AFTER it's stored as alleged by Applicant. Zangenehpour's newest entry will still invariably possess the highest "relative priority" prior to being stored by virtue of it being the "newest entry" in a LRU governed cache. (2) p. 1.0, II. 4-12 of the remarks-Applicant contends with respect to claims 33 and 38 that the "data table" is assumed to be in the cache itself of Zangenehpour, hence producing inconsistencies in the rejection of these dependant claims. This argument however is not persuasive as Examiner maintains that claims 33 and 38 and the truther rejected based on the combination of Zangenehpour and Abe's teachings (e.g. these two references demonstrate that it would have been obvious to store the data table in a location other than in the cache, and not on what is explicitly disclosed solely by Zangenehpour sole.
- (3) p. 10, II. 13-19 of the remarks Applicant contends with respect to claims 14-16 that the references would fail to have priorities associated with locations used for non-cache locations. This argument however is not persuasive, as it fails address the rejection set forth against the claims which establishes a prima facie case of obviousness by combining Zangenehpour and Agarwala (for claims14 and 15) and Zangenehpour. Agarwala and Abe (claim 16).
- (4) p. 10, II. 20-27 of the remarks Applicant alleges that there is no reason to combine Zangenehour and Abe's disclosures (e.g. the combination of LRU and LFU replacement policies is incomparable). This argument however is not persuasiver is not persuasiver. But aminer notes that the USPTO classification schedule for class 711 currently has an entire subclass dedicated to combining more than one replacement mode in cache memories (e.g. 711/134 "Combined Replacement Modes"). As such, one of ordinary skill in the computer and electrical arts would recognize the importance of establishing more than one replacement mode (e.g. LRU and LFU) for a particular cache memory hierarchy. Applicant's arguments notwithstanding.